## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|--|---|---------------------|---------|---------------------|
| L1    | 8    | (ink jet or inkjet or recording media or recording medium) and aluminum sulfate and wet grinding and synthetic silica  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/04/01<br>07:03 |
| L2    | 8    | synthetic silica and wet<br>grinding and aluminum<br>sulfate   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/04/01<br>07:06 |
| L3    | 22   | synthetic silica and wet<br>grinding   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/04/01<br>07:06 |
| L4    | 23   | ("3506757"   "3934000"   "3988162"   "4067746"   "4098878"   "4343786"   "4495167"   "4701319"   "4721615"   "5310543"   "5603920"   "5605677"   "5651958"   "5658553"   "5676932"   "5705137"   "5891421"   "5989524"   "RE29634").PN. OR ("6652611").URPN. | US-PGPUB;<br>USPAT; USOCR                                     | ADJ                 | ON      | 2008/04/01<br>07:15 |
| L5    | 16   | "4181567"  | US-PGPUB;<br>USPAT; USOCR                                     | ADJ                 | ON      | 2008/04/01<br>07:42 |
| L6    | 1    | ("4181567").PN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR                  | OFF     | 2008/04/01<br>07:42 |
| L7    | 1    | ("5164006").PN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR                  | OFF     | 2008/04/01<br>07:50 |
| L8    | 403  | 428/32.1.OOLS.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/04/01<br>09:05 |
| L9    | 0    | 428/32.4.COLS.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/04/01<br>09:06 |

| L10        | 220 | 428/32.24.CCLS.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/04/01<br>09:07 |
|------------|-----|---|---|-----|----|---------------------|
| L11        | 415 | 428/32.34.CCLS.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/04/01<br>09:07 |
| L12        | 118 | 428/32.38.CCLS.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/04/01<br>09:07 |
| L13        | 276 | 427/428.01.CCLS.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/04/01<br>09:07 |
| S1         | 705 | paper and pigment and<br>binder and synthetic<br>silica   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/03/24<br>15:01 |
| <b>S</b> 2 | 1   | paper and pigment and<br>binder and synthetic<br>silica and transfer roll<br>coating                            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/03/24<br>15:02 |
| 83         | 146 | (paper or recording<br>media) and pigment and<br>binder and silica and<br>transfer roll coating                 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/03/24<br>15:03 |
| S4         | 242 | (paper or recording<br>media) and pigment and<br>binder and transfer roll<br>coating                            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/03/24<br>15:09 |
| S5         | 6   | ("5972167").URPN.   | USPAT   | ADJ | ON | 2008/03/24<br>15:10 |
| <b>S</b> 6 | 113 | (paper or inkjet recording media or ink- jet recording medium) and pigment and binder and transfer roll coating | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/03/24<br>15:13 |

| S7  | 5    | (("5576088") or<br>("6846524") or<br>("6773770") or<br>("6410123") or<br>("4892591")).PN. or<br>(2002/0055552).CCLS. | US-PGPUB;<br>USPAT; USOCR                                     | OR  | OFF | 2008/03/24<br>15:25 |
|-----|------|--|---|-----|-----|---------------------|
| S8  | 1    | ("20020055552").PN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR  | OFF | 2008/03/24<br>15:35 |
| S9  | 5430 | (paper or inkjet recording media or ink-jet recording medium) and pigment and binder and roll coating                | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/24<br>15:41 |
| S10 | 158  | S9 and synthetic silica  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/24<br>15:42 |
| S11 | 0    | S9 and synthetic silica<br>and hercules viscosity  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/24<br>15:47 |
| S12 | 4    | S9 and hercules viscosity  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/24<br>15:48 |
| S13 | 8    | synthetic silica and wet<br>grinding and aluminum<br>sulfate   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>11:09 |
| S14 | 22   | synthetic silica and wet<br>grinding   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>11:17 |
| S15 | 27   | precipitated calcium<br>carbonate-silica   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>11:24 |
| S16 | 41   | calcium carbonate-silica   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>11:40 |

| S17 | 4056  | calcium carbonate silica                                       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>11:41 |
|-----|-------|--|---|-----|-----|---------------------|
| S18 | 10    | calcium carbonate/silica                                       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>11:43 |
| S19 | 19604 | precipitate and calcium<br>carbonate and silica                | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>11:44 |
| S20 | 599   | S19 and (ink jet or ink-<br>jet)                               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>11:45 |
| S21 | 2282  | heavy calcium carbonate  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>11:59 |
| S22 | 459   | S21 and silica and (ink jet or ink-jet)                        | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>11:59 |
| S23 | 1     | ("7060127").PN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR  | OFF | 2008/03/26<br>12:18 |
| S24 | 0     | ("7060127").URPN.  | USPAT   | ADJ | ON  | 2008/03/26<br>12:23 |
| S25 | 3     | ("3373134"   "5397619").<br>PN.                                | US-PGPUB;<br>USPAT; USOCR                                     | ADJ | ON  | 2008/03/26<br>12:23 |
| S26 | 4413  | hydrated silica  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>13:37 |
| S27 | 0     | S26 and (ink jet or ink-<br>jet) and BET and oil<br>absorption | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>13:38 |
| S28 | 3     | S26 and (ink jet or ink-<br>jet) and oil absorption            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>13:38 |

| S29         | 12   | S26 and (ink jet or ink-<br>jet) and BET                        | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/03/26<br>13:39 |
|-------------|------|---|---|-----|----|---------------------|
| S30         | 0    | wet grind near synthetic<br>slurry                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/03/26<br>13:50 |
| S31         | 19   | wet grind near slurry   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/03/26<br>13:50 |
| S32         | 0    | wet grind? near slurry  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/03/26<br>13:52 |
| S33         | 0    | wet grind and slurry and synthetic silica                       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/03/26<br>13:52 |
| S34         | 76   | grind and slurry and synthetic silica                           | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/03/26<br>13:52 |
| S35         | 5012 | synthetic silica  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/03/26<br>13:55 |
| S36         | 362  | S35 and aluminum sulfate  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/03/26<br>13:55 |
| <b>S</b> 37 | 171  | S35 and aluminum sulfate and sodium silicate                    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/03/26<br>13:56 |
| S38         | 4    | amorphous silica and<br>neutralization near<br>aluminum sulfate | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/03/26<br>14:18 |

| <b>S</b> 39 | 1389 | amorphous silica and<br>aluminum sulfate                                 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>14:18 |
|-------------|------|--|---|-----|-----|---------------------|
| S40         | 642  | S39 and sodium silicate  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>14:19 |
| S41         | 361  | S40 and (ink jet or ink-<br>jet or paper or recording<br>medium)         | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>14:19 |
| S42         | 1    | ("5576088").PN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR  | OFF | 2008/03/26<br>14:36 |
| S43         | 0    | ("2004472302").PN.   | US-PGPUB;<br>USPAT; USOCR                                     | OR  | OFF | 2008/03/26<br>14:46 |
| S44         | 0    | ("2004-472302").PN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR  | OFF | 2008/03/26<br>14:46 |
| S45         | 2    | 2004-472302  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>14:46 |
| S46         | 2    | ("0137254").PN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR  | OFF | 2008/03/26<br>14:47 |
| S47         | 1    | ("6890652").PN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR  | OFF | 2008/03/26<br>14:47 |
| S48         | 1    | ("5989714").PN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR  | OFF | 2008/03/26<br>14:55 |
| S49         | 1    | ("3784442").PN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR  | OFF | 2008/03/26<br>14:56 |
| S50         | 25   | synthetic silica and<br>aluminum sulfate and<br>alumina and mineral acid | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>16:39 |
| S51         | 23   | silica-calcium carbonate   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>16:47 |

| S52 | 34   | ("1751955"   "2114123"<br>  "3250594"   "3307906"<br>  "3328125"   "3372046"<br>  "3503707"   "3719741"<br>  "3849344"   "3855394"<br>  "3969567").PN. OR<br>("4230765").URPN.                            | US-PGPUB;<br>USPAT; USOCR                                     | ADJ | ON  | 2008/03/26<br>16:54 |
|-----|------|---|---|-----|-----|---------------------|
| S53 | 205  | (silica-calcium carbonate<br>or calcium carbonate-<br>silica or calcium<br>carbonate composite)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/26<br>16:58 |
| S54 | 15   | ("3152001"   "4167423"<br>  "4725318"   "4781982"<br>  "5000791"   "5164006"<br>  "5219660"   "5262239"<br>  "5380361"   "5584923"<br>  "5599388"   "5711799"<br>  "6136085").PN. OR<br>("6623555").URPN. | US-PGPUB;<br>USPAT; USOCR                                     | ADJ | ON  | 2008/03/27<br>06:56 |
| S55 | 8    | ("4167423"   "4374178"<br>  "5000791"   "5037477"<br>  "5164006").PN. OR<br>("6136085").URPN.   | US-PGPUB;<br>USPAT; USOCR                                     | ADJ | ON  | 2008/03/27<br>07:09 |
| S56 | 0    | PCC/silica  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/27<br>07:21 |
| S57 | 2814 | PCC and silica  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/27<br>07:21 |
| S58 | 857  | S57 and (ink-jet or ink<br>jet or paper or recording<br>media or recording<br>medium)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/27<br>07:21 |
| S59 | 3    | (("4542059") or<br>("6414065") or<br>("6485812")).PN.   | US-PGPUB;<br>USPAT; USOCR                                     | OR  | OFF | 2008/03/27<br>07:35 |
| S60 | 507  | (recording media) and<br>(calcium carbonate or<br>PCC) near silica  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/27<br>07:40 |
| S61 | 3972 | (recording media) and (calcium carbonate or PCC) and silica   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/27<br>07:48 |

| S62 | 3    | S61 and two pigments  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/27<br>07:48 |
|-----|------|---|---|-----|-----|---------------------|
| S63 | 12   | ("4202870"   "4242271"<br>  "4248852"   "5171626"<br>  "5635291"   "5707716"<br>  "5955142"   "5955185"<br>  "6177188"   "6200670"<br>  "6203899"  <br>"6502935").PN. OR<br>("7232600").URPN. | US-PGPUB;<br>USPAT; USOCR                                     | ADJ | ON  | 2008/03/27<br>07:51 |
| S64 | 1273 | silica and calcium<br>carbonate filler  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/27<br>09:24 |
| S65 | 609  | S64 and (inkjet or ink jet<br>or ink-jet or recording<br>media or recording<br>medium or paper)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/27<br>09:25 |
| S66 | 431  | S64 and (inkjet or ink jet<br>or ink-jet or recording<br>media or recording<br>medium or paper) and<br>pigment  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/27<br>09:26 |
| S67 | 375  | S64 and (inkjet or ink jet<br>or ink-jet or recording<br>media or recording<br>medium or paper) and<br>pigment and coating  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/27<br>09:33 |
| S68 | 1    | ("4460637").PN.   | US-PGPUB;<br>USPAT; USOCR                                     | OR  | OFF | 2008/03/27<br>12:02 |
| S69 | 0    | silica/calcium carbonate<br>and 70/30   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/27<br>12:03 |
| S70 | 0    | silica/PCC and 70/30  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/27<br>12:04 |
| S71 | 2    | "20070221350"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/27<br>12:58 |

| S72 | 1 | ("20020055552"). <b>P</b> N. | US-PGPUB;<br>USPAT; USOCR                                     | OR  | OFF | 2008/03/27<br>13:41 |
|-----|---|------------------------------|---|-----|-----|---------------------|
| S73 | 1 | ("4892591").PN.              | US-PGPUB;<br>USPAT; USOCR                                     | OR  | OFF | 2008/03/27<br>13:42 |
| S74 | 0 | ("200329590").PN.            | US-PGPUB;<br>USPAT; USOCR                                     | OR  | OFF | 2008/03/27<br>13:54 |
| S75 | 0 | "200329590"                  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/27<br>13:54 |
| S76 | 0 | "2003/29590"                 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/03/27<br>13:54 |

4/1/2008 9:11:51 AM

C:\ Documents and Settings\ rwalters\ My Documents\ EAST\ Workspaces\ Application 10541300.wsp